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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/616,107      | 07/09/2003  | John C. Artz JR.     | VIGNI460-1          | 1669             |

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| EXAMINER |
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DUONG, OANH L

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| ART UNIT | PAPER NUMBER |
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2155

| SHORTENED STATUTORY PERIOD OF RESPONSE | MAIL DATE  | DELIVERY MODE |
|--|------------|---------------|
| 3 MONTHS                               | 03/21/2007 | PAPER         |

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

**Office Action Summary**

Application No.

10/616,107

Applicant(s)

ARTZ ET AL.

Examiner

Oanh Duong

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 09 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>See Continuation Sheet</u> .                                  | 6) <input type="checkbox"/> Other: _____                          |

Continuation of Attachment(s) 3). Information Disclosure Statement(s) (PTO/SB/08), Paper No(s)/Mail Date :04/05/04, 09/23/04, 10/25/04, 02/28/05, & 03/31/05.

### **DETAILED ACTION**

1. Claims 1-21 are presented for examination.

#### ***Claim Objections***

2. Claims 11 and 18 are objected to because of the following informalities:

The preamble of claim 11 should be "A ~~device~~ computer program product, for associating events to HTTP requests, comprising a set of computer executable instructions stored on a computer readable storage medium, the computer executable instructions comprising:"

The preamble of claim 18 should be "A ~~device~~ computer program product comprising a set of computer executable instructions stored on a computer readable storage medium, the computer executable instructions comprising:"

Appropriate correction is required.

#### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical

Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000.

Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

4. Claims 1-21 are rejected under 35 U.S.C. 102(e) as being anticipated by Cofino. et al. (hereinafter Cofino), US 6,996,536 B1.

Regarding claim 1, Cofino teaches a method of associating requests and events comprising:

receiving a set of HTTP request data including a request time stamp for each HTTP request in a set of HTTP requests (*i.e., receive a group of requests or a first web log entry, col. 4 lines 37-51, wherein each request including time stamp, col. 6 lines 54-59*) ;

receiving a set of event data including an event time stamp for each event in a set of events (*i.e., a set of (shopping) steps or a second web log entry Fig. 6 line 57-col. 8 line 5*);

associating each event from the set of events with a previous HTTP request from the set of HTTP requests based on the event time stamps and request time stamps, wherein each event is associated with the previous HTTP request that is closest in time (*i.e., micro-conversion table for session S1, T1, T3, T10, T12, Fig. 6 col. 7 lines 28-56*).

Regarding claim 2, Cofino teaches the method of claim 1, further comprising time ordering the set of HTTP requests and time ordering the set of events (*i.e., requests are sorted by timestamp, col. 6 lines 61-62*).

Regarding claim 3, Cofino teaches the method of claim 1, wherein at least one event of the set of events is an application event (*col. 6 lines 49-53*).

Regarding claim 4, Cofino teaches the method of claim 3, wherein the at least one application event includes the generation of dynamic content for a web page (*col. 6 lines 49-53*).

Regarding claim 5, Cofino teaches a method for associating requests with events comprising:

receiving a set of HTTP request data representing one or more HTTP requests associated with one or more users, wherein the set of HTTP request data includes a request user identifier for each of the one or more HTTP requests and a request time stamp for each of the one or more HTTP requests (*col. 10 lines 35-43*);

receiving a set of event data representing one or more events associated with one or more users, wherein the set of event data includes an event user identifier (*i.e., session/shopper ID*) for each of the one or more events and an event time stamp for each of the one or more events (*Fig. 6 col. 7 line 14-col. 8 line 5*);

determining a set of HTTP requests associated with a first user from the one or more HTTP requests based on the request user identifiers (col. 7 lines 16-27);

determining a set of events associated with the first user from the one or more events based on the event user identifiers (col. 7 lines 28-56); and

associating the set of events associated with first user and the set of HTTP requests associated with the first user based on the event time stamp for each of the set of events associated with the first user and the event time stamp for each of the set of HTTP requests associated with the first user (i.e., session S1 or first user, Fig. 6 col. 7 lines 16-col. 8 line 19).

Regarding claim 6, Cofino teaches the method of Claim 5, wherein associating the set of events associated with the first user and the set of HTTP requests associated with the first user further comprises associating each event of the set of events associated with the first user with a previous HTTP request closest in time (i.e., micro-conversion table for session S1, T, T3, T10, T12, Fig. 6 col. 7 lines 28-56).

Regarding claim 7, Cofino teaches the method of Claim 6, wherein in the event time stamp for each event and the request time stamp for each HTTP request are generated by synchronized clocks (col. 6 lines 59-61).

Regarding claim 8, Cofino teaches the method of Claim 6, wherein at least one event of the one or more events is an application event (*col. 6 lines 49-53*).

Regarding claim 9, Cofino teaches the method of Claim 8, wherein the at least one application event includes the generation of dynamic content for a web page (*col. 6 lines 49-53*).

Regarding claim 10, Cofino teaches the method of Claim 8, wherein the one or more events includes only application events (Fig. 11).

Regarding claims 11-16, those claims does recite or define any new limitation above claims 5-10, discussed above, same rationale of rejection is applicable.

Regarding claims 18-21, those claims does not recite or define any new limitation above claims 1-4, discussed above, same rationale of rejection is applicable.


5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Oanh Duong whose telephone number is (571) 272-3983. The examiner can normally be reached on Monday- Friday, 9:30PM - 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



Art Unit: 2155

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Oanh Duong  
March 19, 2007